



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

RECENT PUBLICATIONS

- ABELE, C. A. Statistics of the Mineral Production of Alabama for 1910. Compiled from Mineral Resources of the United States. [Geological Survey, Alabama, Bulletin 12. Montgomery, 1912.]
- ALLEN, E. T., AND CRENSHAW, J. L. The Sulphides of Zinc, Cadmium and Mercury; Their Crystalline Forms and Genetic Conditions. [American Journal of Science, Vol. XXXIV, October, 1912.]
- ALLEN, I. C. Specifications for the Purchase of Fuel Oil for the Government with Directions for Sampling Oil and Natural Gas. [Department of the Interior, Bureau of Mines Technical Paper 3. Washington, 1911.]
- ALLEN, IRVING C., AND ROBERTSON, I. W. Methods of Determining the Sulphur Content of Fuels, Especially Petroleum Products. [Bureau of Mines Technical Paper 26. Washington, 1912.]
- American Association of Museums, Proceedings of the Records of the Fifth Annual Meeting Held at Buffalo, N.Y., May 31–June 2, 1910. [Charleston, S.C., 1911.]
- American Journal of Science, Fourth Series. Vol. XXXIV, No. 202. [New Haven, October, 1912.]
- . Vol. XXXIV, No. 203. [New Haven, November, 1912.]
- American Museum of Natural History, Forty-third Annual Report of. For the Year 1911. [New York, February 5, 1912.]
- American Philosophical Society, List of the. [Philadelphia, August, 1912.]
- . Proceedings of the. Vol. LI, No. 205 (July, 1912). [Philadelphia, 1912.]
- BAGG, R. M. Pliocene and Pleistocene Foraminifera from Southern California. [U.S. Geological Survey Bulletin 513. Washington, 1912.]
- BAIN, H. F. (Editor). Types of Ore Deposits. [San Francisco: Mining and Scientific Press, 1911.]
- BARROW, GEORGE, F.G.S., AND CUNNINGHAM CRAIG, E. H., B.A., F.G.S.; with contributions by HINXMAN, L. W., B.A., F.R.S.E. The Geology of the Districts of Braemar, Ballater, and Glen Clova. Explanation of Sheet 65, Memoirs of the Geological Survey, Scotland. [Edinburgh, 1912.]
- BARROWS, H. K., AND BABB, C. C. Water Resources of the Penobscot River Basin, Maine. [U.S. Geological Survey Water-Supply Paper 279. Prepared in co-operation with the Maine State Survey Commission. Washington, 1912.]
- BAYLEY, W. S. Iron Mines and Mining in New Jersey. (Vol. VIII of the Final Report Series of the State Geologist.) [New Jersey Geological Survey. Trenton, 1910.]

- BECK, K. Petrographisch-geologische Untersuchung des Salzgebirges im Werra-Fulda-Gebiet der deutschen Kalisalzlagerstätten. [Sonderabdruck aus der Zeitschrift für praktische Geologie, XX, Jahrgang, 1912, Heft 4. Verlag von Julius Springer in Berlin W. 9.]
- BENEDICT, FRANCIS G. The Composition of the Atmosphere, with special Reference to Its Oxygen Content. [Carnegie Institution of Washington. Washington, D.C., 1912.]
- BIRGE, E. A., AND JUDAY, C. The Inland Lakes of Wisconsin. The Dissolved Gases of the Water and Their Biological Significance. [Wisconsin Geological and Natural History Survey Bulletin, XXII. Scientific Series No. 7. Madison, 1911.]
- BOWEN, N. L. The Binary System: $\text{Na}_2\text{Al}_2\text{Si}_2\text{O}_8$ (Nephelite, Carnegieite) — $\text{CaAl}_2\text{Si}_2\text{O}_8$ (Anorthite). [From the American Journal of Science, Vol. XXXIII, June, 1912.]
- BOWMAN, I. Forest Physiography: Physiography of the United States and Principles of Soils in Relation to Forestry. [New York: John Wiley & Sons, 1911.]
- BRECKINRIDGE, L. P., KREISINGER, H., AND RAY, W. T. Steaming Tests of Coals and Related Investigations. September 1, 1904, to December 31, 1908. [Bureau of Mines Bulletin 23. Washington, 1912.]
- BRIDGMAN, P. W. Thermodynamic Properties of Liquid Water to 80° and 12,000 Kgm. Proceedings of the American Academy of Arts and Sciences, Vol. XLVIII, No. 9. [September, 1912.]
- BROOKS, A. H. The Alaska Mining Industry in 1911, and Railway Routes in Alaska. [U.S. Geological Survey Bulletin 520-A. Washington, 1912.]
- . The Mount McKinley Region, Alaska. With Descriptions of the Igneous Rocks and of the Bonnifield and Kantishna Districts, by L. M. PRINDLE. [U.S. Geological Survey Professional Paper 70. Washington, 1911.]
- BRUCE, WILLIAM S., LL.D., F.R.S.E. The Area of Unknown Antarctic Regions Compared with Australia, Unknown Arctic Regions, and British Isles. [Scottish Oceanographical Laboratory, Surgeon's Hall, Edinburgh.]
- . The Oceanographical Institute at Paris. [Reprinted from Nature, February 16, 1911.]
- . The Prince of Monaco and Oceanographical Research. [Scottish Oceanographical Laboratory, Surgeon's Hall, Edinburgh.]
- BRUNHES, J., CHAIX, E., AND MARTONNE, EMM. DE. Atlas photographique des formes du relief terrestre. Documents morphologiques caractéristiques avec notices scientifiques. [Publiés conformément à un voeu du IX^e Congrès international de géographie sous les auspices d'une Commission internationale permanente. Éditeurs: Fréd. Boissonnas et Cie. Genève, 1911.]

- BUCKMAN, H. O. The Chemical and Physical Processes Involved in the Formation of Residual Clay. [Transactions of the American Ceramic Society, Vol. XIII, 1911.]
- BUCKMAN, S. S. (Editor). Yorkshire Type Ammonites. Part. V. 10 Plates, and Descriptions. Nos. 38-44. [London: William Wesley & Son, 28 Essex St., Strand, 1911.]
- BUCKMAN, S. S., AND TUTCHER, J. W. Yorkshire Type Ammonites. Part VII. 9 Plates, and Descriptions Nos. 52-60. [London: William Wesley & Son, 28 Essex St., Strand, 1912.]
- Bureau of Soils. A Beneficial Organic Constituent of Soils: Creatinine. [U.S. Department of Agriculture, Bureau of Soils Bulletin 83. Washington, 1911.]
- BURR, CHARLES H. The Treaty-making Power of the United States and the Methods of Its Enforcement as Affecting the Police Powers of the States. [Proceedings of the Amer. Philosophical Society, Philadelphia, August-September, 1912.]
- BURRELL, S. A. The Use of Mice and Birds for Detecting Carbon Monoxide after Mine Fires and Explosions. [U.S. Bureau of Mines Technical Paper 11. Washington, 1912.]
- BURRELL, S. A., AND SEIBERT, F. M. Gas Analysis as an Aid in Fighting Mine Fires. [U.S. Bureau of Mines Technical Paper 13. Washington, 1912.]
- BUTLER, B. S., AND GALE, H. S. Alunite, a Newly Discovered Deposit near Marysvale, Utah. [U.S. Geological Survey Bulletin 511. Washington, 1912.]
- Butlletí del Club Montanyenc. Associació de Ciències Naturals i Excursions. Any I. Barcelona, Abril-Maig, 1912. Ne. 4-5.
- Cape of Good Hope Department of Mines. Fifteenth Annual Report of the Geological Commission. 1910. [Cape Town, 1911.]
- CLARK, H. H. The Electrical Section of the Bureau of Mines. Its Purpose and Equipment. [Department of the Interior, Bureau of Mines Technical Paper 4. Washington, 1911.]
- . Electrical Symbols for Mine Maps. [Bureau of Mines Technical Paper 22. Washington, 1912.]
- CLARK, W. B., AND MILLER, B. LER. The Physiography and Geology of the Coastal Plain Province of Virginia. With chapters on The Lower Cretaceous, by EDWARD W. BERRY, and The Economic Geology, by THOMAS LEONARD WATSON. [Virginia Geological Survey Bulletin IV. Charlottesville, 1912.]
- CLARKE, EDWARD DECOURCY. The Geology of the New Plymouth Sub-division, Taranaki Division. [Geological Survey Branch, New Zealand Department of Mines Bulletin 14 (New Series). Wellington, 1912.]

- CLELAND, H. F. The Fossils and Stratigraphy of the Middle Devonian of Wisconsin. [Wisconsin Geological and Natural History Survey Bulletin XXI. Scientific Series No. 6. Madison, 1911.]
- Colorado School of Mines Magazine. [The Colorado School of Mines Alumni Association, Publishers, Golden, Colo. September, 1912.]
- Concrete, Vol. XII, No. 2, February, 1912. [Detroit, Mich.: Concrete Publishing Co.]
- COPELAND, D., MANN, H. T., AND ROESLER, H. A. Metallurgical and Ore Dressing Laboratories of the Missouri School of Mines and Metallurgy. [Bulletin of the School of Mines and Metallurgy, University of Missouri, Vol. I, No. 2, Rolla. February, 1912.]
- CRAIG, E. H. C. Oil-Finding. An Introduction to the Geological Study of Petroleum. With an Introduction by Sir Boverton Redwood. [New York: Longmans, Green & Co., 1912.]
- CRANE, G. W. The Iron Ores of Missouri. [Missouri Bureau of Geology and Mines, Vol. X, Second Series. Jefferson City, 1912.]
- CROOK, A. R., PH.D. Geology of Sangamon County. [Springfield, Ill., 1912.]
- . The Training of Museum Curators. [Reprinted from the Proceedings of the American Association of Museums, Vol. IV, 1910.]
- DAVISON, C. The Origin of Earthquakes. [New York: Putnam, 1912.]
- DAY, ARTHUR L., AND SOSMAN, ROBERT B. The Expansion Coefficient of Graphite. [Reprinted from the Journal of Industrial and Engineering Chemistry, Vol. IV, No. 7, July, 1912.]
- DERBY, ORVILLE A. Bibliographical List of the Scientific Publications of. Typographia Leuzinger. [Rio de Janeiro, 1908.]
- DILLER, J. S., AND OTHERS. Advance Chapter from Contributions to Economic Geology (Short Papers and Preliminary Reports), 1910. Part I. Metals and Nonmetals except Fuels. Gold and Silver. [U.S. Geological Survey Bulletin 470-B. Washington, 1911.]
- DUNSTAN, C. E. Preliminary Examination of the Forest Conditions of Mississippi. [Mississippi Geological Survey Bulletin 7. Jackson, Miss., 1910.]
- DU TOIT, A. L. Geological Map of the Province of the Cape of Good Hope. Sheet XXVI. [Geological Commission. Cape Town, 1912.]
- ECKEL, E. C. Building Stones and Clays: Their Origin, Characters and Examination. [New York: John Wiley & Sons, 1912.]
- ELLIS, DON CARLOS. A Working Erosion Model for Schools. U.S. Department of Agriculture Circular 117. Washington, 1912.]
- EMMONS, W. H., AND LARSEN, E. S. A Preliminary Report on the Geology and Ore Deposits of Creede, Colorado. [U.S. Geological Survey Bulletin 530-E. Washington, 1912.]

- Escola de Minas de Ouro Preto, Annaes da. N. 11, 1909. [Typographia Machado, 8, Rua Tiradentes, Ouro Preto.] N. 12, 1910. [Ouro Preto: Typ. d'O Regenerador.]
- EVANS, G. W. The Coal Fields of King County. [Washington Geological Survey Bulletin 3. Olympia, 1912.]
- FARIS, R. L. Terrestrial Magnetism, Results of Magnetic Observations Made by the Coast and Geodetic Survey between July 1, 1910, and June 30, 1911. Appendix No. 3—Report for 1911. [Department of Commerce and Labor, Coast and Geodetic Survey. Washington, 1912.]
- FARRELL, J. H. Practical Field Geology. Including a Guide to the Sight Recognition of One Hundred and Twenty Common or Important Minerals by ALFRED J. MOSES. [New York and London: McGraw-Hill Book Co., 1912.]
- First Commercial Gas Company to Sell Gas as an Illuminant, Lectures Delivered at the Centenary Celebration of the. Held at the Franklin Institute, Philadelphia, Pa., April 18 and 19, 1912. [New York: American Gas Institute, 29 W. 39th St.]
- FISHER, W. L. Alaskan Coal Problems. [U.S. Geological Survey Bureau of Mines Bulletin 36. Washington, 1912.]
- FOLLANSHEE, R., HORTON, A. H., AND STEVENS, G. C. Surface Water Supply of the United States, 1910. Part V. Hudson Bay and Upper Mississippi River. Prepared under the direction of M. O. LEIGHTON. [U.S. Geological Survey Water-Supply Paper 285. Washington, 1912.]
- FREER, P. C. Tenth Annual Report of the Director of the Bureau of Science to the Honorable the Secretary of the Interior, for the Year ending August 1, 1911. [Manila: Bureau of Printing, 1912.]
- FRIEDLAENDER, IMMANUEL. Über die Wärmeleitung einiger vulkanischer Gesteine. [Sonderabdruck aus Gerlands Beiträgen zur Geophysik. Herausgegeben von Prof. Dr. O. Hecker und Prof. Dr. E. Rudolph. XI Band, 2-4, Heft. Leipzig: Verlag von Wilhelm Englemann, 1912.]
- FULLER, M. L. The New Madrid Earthquake. [U.S. Geological Survey Bulletin 494. Washington, 1912.]
- GEE, L. C. E. (Compiler). The Occurrence of Uranium (Radio-Active), Ores and Other Metals and Minerals in South Australia. [South Australia Department of Mines. Adelaide, 1911.]
- A Review of Mining Operations in the State of South Australia during the Half-Year Ended December 31, 1911. No. 15. [South Australia Department of Mines. Adelaide, 1912.]
- GEE, LIONEL C. E., S.M. A Review of Mining Operations in the State of South Australia during the Half-Year Ended June 30, 1912. No. 16. [Adelaide, 1912.]
- Geographischer Literaturbericht, Mai 1912. [Petermanns Geogr. Mitteilungen, 1912.]

- Geological Society, The Quarterly Journal of the. Vol. LXVIII, No. 271. Part 3. [London: Longmans, Green & Co.]
- GILMORE, C. W. The Mounted Skeletons of *Camplosaurus* in the United States National Museum. [No. 1878, Proceedings of the U.S. National Museum, Vol. XLI, pp. 687-96, with Plates 55-61. Washington: Government Printing Office, 1912.]
- . A New Mosasauroid Reptile from the Cretaceous of Alabama. [No. 1870, Proceedings of the U.S. National Museum, Vol. XLI, pp. 479-84, with Plates 39-40. Washington, January 31, 1912.]
- GILPIN, J. E., AND BRANSKY, O. E. The Diffusion of Crude Petroleum through Fuller's Earth with Notes on Its Geologic Significance. [U.S. Geological Survey Bulletin 475. Washington, 1911.]
- GOODALE, GEORGE LINCOLN. Biographical Memoir of Alexander Agassiz. 1835-1910. [Published by National Academy of Sciences. Washington D.C.]
- GORDON, C. H. The Marbles of Tennessee. [Extract [D] from Bulletin 2, "Preliminary Papers on the Mineral Resources of Tennessee." Tennessee Geological Survey. Nashville, 1911.]
- GOSS, W. F. M. Comparative Tests of Run-of-Mine and Briquetted Coal on Locomotives, Including Torpedo-Boat Tests and Some Foreign Specifications for Briquetted Fuel. [Bureau of Mines Bulletin 37. Reprints of U.S. Geological Survey Bulletin 363. Washington, 1912.]
- GRATACAP, L. P. A Popular Guide to Minerals. [New York: D. Van Nostrand Co., 25 Park Place, 1912.]
- GREGORY, J. W. Geology. [Appleton's Scientific Primers. New York: D. Appleton & Co.]
- GUNTHER, C. G. The Examination of Prospects. A Mining Geology. [New York and London: McGraw-Hill Book Co., 1912.]
- HÄBERLE, D. Ueber einen durch Blitzschlag verursachten Felsabsturz im Mittelgebirge. [Sonderabdruck aus den Jahresberichten und Mitteilungen des oberrheinischen geologischen Vereines. Neue Folge, Bd. II, Heft 3, Seite 26-29. Karlsruhe: J. Langs Buchdruckerei, 1912.]
- . Die Mineralquellen der Rheinpfalz. [Sonderabdruck aus dem Wanderbuch des Pfälzerwald-Vereins für 1912. Kaiserslautern: Hermann Kayser's Verlag, 1912.]
- . Jahres-Berichte und Mitteilungen des Oberrheinischen geologischen Vereines. Neue Folge. Bd. 2. Jahrgang 1912. Heft 2. Mit Programm und Führer für die am 9. April 1912 zu Rheinfelden stattfindende 45. Versammlung. [In Kommission bei der E. Schweizerbartschen Verlagsbuchhandlung Nägele und Dr. Sproesser. Stuttgart, März, 1912.]
- HALL, C. Permissible Explosives Tested Prior to January 1, 1912, and Precautions to Be Observed in Their Use. [U.S. Geological Survey Miners' Circular 6, Bureau of Mines. Washington, 1912.]

- HALL, M. R., AND MATHERS, J. G. Surface Water Supply of the United States, 1910. Part II. South Atlantic Coast and Eastern Gulf of Mexico. [U.S. Geological Survey Water-Supply Paper 282. Washington, 1912.]
- Handbuch der Mineralchemie. 1. Band, 4. Abteilung. 1. Band, 5. Abteilung. [Dresden: Verlag von Theodor Steinkopff, 1911.]
- HANDLIRSCH, A. New Paleozoic Insects from the Vicinity of Mazon Creek, Illinois. [From the American Journal of Science, Vol. XXXI, April-May, 1911.]
- HAY, O. P. On an Important Specimen of *Edestus*; with Description of a New Species, *Edestus mirus*. [No. 1884. From the Proceedings of the U.S. National Museum, Vol. XLII. Washington, April 25, 1912.]
- HAYES, C. W., AND LINDGREN, WALDEMAR. Contribution to Economic Geology (Short Papers and Preliminary Reports), 1910. Part I. Metals and Nonmetals Except Fuels. [U.S. Geological Survey Bulletin 470. Washington, 1911.]
- HESS, F. L., HEWETT, D. F., LARSEN, E. S., AND HUNTER, J. F. Sulphur in Utah, Wyoming and Colorado. [Bulletin 530-O. Washington, 1912.]
- HILL, J. M. The Mining Districts of the Western United States. With an Introduction by Waldemar Lindgren. [U.S. Geological Survey Bulletin 507. Washington, 1912.]
- HÖFER, DR. H. C. HANS, VON HEIMHALT. Grundwasser und Quellen, eine Hydrogeologie des Untergrundes. [Braunschweig: Druck und Verlag von Friedr. Vieweg und Sohn, 1912.]
- HOWCHIN, W. Cambrian and Permo-Carboniferous Glaciation. [Australasian Association for the Advancement of Science, Vol. XIII. Sydney, April 23, 1912.]
- . On an Outlier of Older Cainozoic Rocks in the River Light Near Mallala. [Transactions of the Royal Society of Southern Australia, Vol. XXXVI, 1912.]
- Illinois State Museum of Natural History, Report on the Progress and Condition of the. For the Years 1909 and 1910. [Springfield, June, 1911.]
- Jahres-Berichte und Mitteilungen des Oberrheinischen geologischen Vereins. Neue Folge. Bd. 1. Jahrgang 1911. (Bisher Berichte über die Versammlungen des Oberrheinischen Vereines.) Heft 2. (Mit dem Bericht über die 44. Versammlung zu Schramberg am 18. April 1911.) [Stuttgart, 1911.]
- . Neue Folge. Bd. 2. Jahrgang 1912. Heft 3. [Stuttgart, 1912.]
- JAMISON, C. E. The Douglas Oil Field, Converse County, Wyoming. The Muddy Creek Oil Field, Carbon County, Wyoming. [Wyoming Geological Survey Bulletin 3, Series B. Cheyenne, 1912.]
- . Geology and Mineral Resources of a Portion of Fremont County, Wyoming. [Geological Survey of Wyoming Bulletin 2, Series B. Cheyenne, 1911.]

- JENNISON, WILLIAM F. Report on the Gypsum Deposits of the Maritime Provinces. [Canada Department of Mines, Mines Branch No. 84. Ottawa, 1911.]
- KEELE, J. The Effect of Feldspar on Kaolin in Burning. [Transactions of the American Ceramic Society, Vol. XIII, 1911.]
- KEMP, J. F. Comparative Sketch of the Precambrian Geology of Sweden and New York. With Notes on the Geology of the Swedish Magnetites by D. H. NEWLAND. [From New York State Museum Bulletin 149, Seventh Report of the Director, State Museum, 1910. Albany, 1911.]
- . The Mineral Springs of Saratoga. [New York State Museum Bulletin 159. Education Department Bulletin 517. Albany, April 15, 1910.]
- KENT, NORTON A. A Study with the Echelon Spectroscope of Certain Lines in the Spectra of the Zinc Arc and Spark at Atmospheric Pressure. [Proceedings of the American Academy of Arts and Sciences. Vol. XLVIII, No. 5. August, 1912.]
- KEYES, C. R. Graphics of Ore-Origin; Volcanic Phenomena of Coon Butte Region, Arizona (Abstract); and Depositional Phases of Eolation under the Stimulus of Aridity (Abstract). [Iowa Academy of Science, 1912.]
- . Relations of Missouri River Loess Mantle and Kansan Drift-Sheet. [American Journal of Science, Fourth Series, Vol. XXXIII, No. 193, January, 1912.]
- . Wind-graved Mesas and Their Message. [Popular Science Monthly, September, 1912.]
- KIRK, E. The Structure and Relationship of Certain Eleutherozoic Pelmatozoa. [No. 1846. From the Proceedings of the U.S. National Museum, Vol. XLI, pp. 1-137, with Plates 1-11. Washington: Government Printing Office, June 7, 1911.]
- KNOPF, A. The Sitka Mining District, Alaska. [U.S. Geological Survey Bulletin 504. Washington, 1912.]
- Königlich ungarischen geologischen Reichsanstalt für 1908, Jahresbericht der. Übertragung aus dem ungarischen Original. (Ungarisch erschienen im September, 1910.) [Budapest: Druck des Franklin-Vereins, 1911.]
- KRAMM, H. E. Some Effects of Gypsum on Clay. [Transactions of the American Ceramic Society, Vol. XIII, 1911.]
- KRAUS, E. H., COOPER, H. C., UND KLEIN, A. A. Die optischen Eigenschaften einiger Bleisilikate. [Separat-Abdruck aus dem Centralblatt f. Min., etc., Jahrg. 1912, No. 10.]
- KREBS, C. E. Jackson, Mason and Putnam Counties. (With accompanying geologic, topographic and soil maps.) [Report of West Virginia Geological Survey. Morgantown, 1911.]
- KREISINGER, H., AND RAY, W. T. The Transmission of Heat into Steam Boilers. [U.S. Bureau of Mines Bulletin 18. Washington, 1912.]
- LAMB, W. A., FREEMAN, W. B., RICHARDS, R., AND RICE, R. C. Surface Water Supply of the United States, 1910. Part VI. Missouri River

- Basin. Prepared under the direction of M. D. Leighton. [Washington, 1911.]
- LAMBE, L. M. Bibliography of Canadian Zoölogy for 1910 (Exclusive of Entomology). [From the Transactions of the Royal Society of Canada, Third Series, 1911, Vol. V, Sec. IV. Ottawa, 1912.]
- . Presidential Address—The Past Vertebrate Life of Canada. [From the Transactions of the Royal Society of Canada, Third Series, 1911, Vol. V, Sec. IV. Ottawa, 1912.]
- LANE, ALFRED C. The Grain of the Igneous Rocks. Reprint of Chapter IV of the Keweenaw Series of Michigan, Publication 6, Geographical Series 4, Vol. I. [Published as a part of the Annual Report of the Board of Geological and Biological Survey for 1909. Lansing, 1911.]
- . Mine Waters. Reprint of pp. 774–79 of the Keweenaw Series of Michigan. Publication 6, Geological Series 4, Vol. I. [Published as a part of the Annual Report of the Board of Geological and Biological Survey for 1909. Lansing, 1911.]
- . Temperature of the Copper Mines. Reprint of Chapter VI of the Keweenaw Series of Michigan, Publication 6, Geological Series 4, Vol. I. [Published as a part of the Annual Report of the Board of Geological and Biological Survey for 1909. Lansing, 1911.]
- LAWSON, ANDREW C. The Recent Fault Scraps at Genoa, Nevada. [Reprinted from the Bulletin of the Seismological Society of America, Vol. II, No. 3. September, 1912.]
- LEE, G. W. The British Carboniferous Trepostomata. [Memoirs of the Geological Survey of Great Britain. Palaeontology, Vol. I, Part 3. London: T. Fisher Unwin, 1 Adelphi Terrace, May 12, 1912.]
- LEITH, C. K., AND HARDER, E. C. Hematite Ores of Brazil and a Comparison with Hematite Ores of Lake Superior. [Economic Geology Publishing Co. Reprinted from Economic Geology, Vol. VI, No. 7, October–November, 1911.]
- LEUCHS, K. Aus den wissenschaftlichen Ergebnissen der Merzbacherschen Tian-Schan Expedition. Geologische Untersuchungen im Chalyktau, Temurlyktau, Dsungarischen Alatau (Tian-Schan). [Abhandlungen der Königlich Bayerischen Akademie der Wissenschaften Mathematisch-physikalische Klasse, XXV. Band, 8. Abhandlung. München, 1912.]
- LOGAN, W. N. The Structural Materials of Mississippi. [Mississippi Geological Survey Bulletin 9. Jackson, 1911.]
- LOUGHLIN, G. F. Contribution to the Geology of the Boston and Norfolk Basins, Massachusetts. I. The Structural Relations between the Quincy Granite and the Adjacent Sedimentary Formations. [American Journal of Science, Vol. XXXII, July, 1911.]
- LOWE, E. N. Our Waste Lands. A Preliminary Study of Erosion in Mississippi. With an Appended Address on Mississippi's Agricultural

- Potentialities by DR. W. J. MCGEE. [Mississippi Geological Survey. Jackson, 1910.]
- . A Preliminary Study of Soils of Mississippi. [Mississippi Geological Survey Bulletin 8. Jackson, 1911.]
- LUPTON, C. T. Coal Fields in Uinta and Wasatch Counties, Utah. [U.S. Geological Survey Bulletin 471-I. Washington, 1912.]
- MARSHALL, R. B. Results of Spirit Leveling in Alabama, 1911. [U.S. Geological Survey Bulletin 517. Washington, 1912.]
- . Results of Spirit Leveling in Illinois, 1909 and 1910. [U.S. Geological Survey Bulletin 493. Washington, 1911.]
- . Results of Spirit Leveling in Ohio, 1909 and 1910. [U.S. Geological Survey Bulletin 476. Washington, 1911.]
- . Results of Spirit Leveling in Tennessee, 1910 and 1911. [U.S. Geological Survey Bulletin 519. Washington, 1912.]
- . Results of Triangulation and Primary Traverse. For the Years 1909 and 1910. [U.S. Geological Survey Bulletin 496. Washington, 1912.]
- Maryland Geological Survey. Lower Cretaceous. [Baltimore, 1911.]
- . Prince George's County. (With Geological and Topographic Maps.) [Baltimore, 1911.]
- Maryland Geological Survey, Vol IX. [Baltimore, 1911.]
- MATTHES, F. E. Sketch of Yosemite National Park and an Account of the Origin of the Yosemite and Hetch Hetchy Valleys. [Department of the Interior. Washington, 1912.]
- MCLEISH, J. Preliminary Report on the Mineral Production of Canada, during the Calendar Year 1911. [Canada Department of Mines, No. 150. Ottawa, 1912.]
- MERWIN, H. E., AND LARSEN, E. S. Mixtures of Amorphous Sulphur and Selenium as Immersion Media for the Determination of High Refractive Indices with the Microscope. [American Journal of Science, Vol. XXXIV, July, 1912.]
- Michigan Geological and Biological Survey, 1838-1912, Catalog and Table of Contents of the Publications of the. [Ann Arbor, 1912.]
- MILLER, W. G. Reports on the District of Patricia, Recently Added to the Province of Ontario. [Report of the Bureau of Mines, 1912, Vol. XXI, Part II. Toronto, 1912.]
- MILLER, WILLIAM J. Contact Action of Gabbro on Granite in Warren County, New York. [Reprinted from Science, N.S., Vol. XXXVI, No. 928, pp. 490-92, October 11, 1912.]
- . The Garnet Deposits of Warren County, New York. [Reprinted from Economic Geology, Vol. VII, No. 5. August, 1912.]
- Mineral Resources of the United States. Calendar Year 1909. Part II. Nonmetals. [U.S. Geological Survey. Washington, 1911.]

- MOFFIT, F. H., AND CAPPS, S. R. *Geology and Mineral Resources of the Nizina District, Alaska*. [U.S. Geological Survey Bulletin 448. Washington, 1911.]
- MORGAN, P. G. *The Geology of the Greymouth Subdivision, North Westland*. [New Zealand Department of Mines, Geological Survey Branch Bulletin 13 (New Series). Wellington, 1911.]
- MORSE, EDWARD S. *Biographical Memoir of Charles Otis Whitman*. [Published by the National Academy of Sciences, August, 1912.]
- Museum of Comparative Zoölogy at Harvard College, *Annual Report of the Curator of the, to the President and Fellows of Harvard College, for 1910-1911*. [Cambridge, 1911.]
- Museums of the Brooklyn Institute of Arts and Sciences. *Report for the Year 1911*. [Brooklyn, 1912.]
- NEWLAND, D. H. *The Mining and Quarry Industry of New York State. Report of Operations and Production during 1911*. [New York State Museum Bulletin 161. Education Department Bulletin 522. Albany, July 1, 1912.]
- New York State Museum. *Eighth Report of the Director of the Science Division, Including the 65th Report of the State Museum, the 31st Report of the State Geologist, and the Report of the State Paleontologist for 1911*. [Education Department Bulletin 516. Albany, April 1, 1912.]
- Ontario Bureau of Mines, *Twenty-first Annual Report of the*. Vol. XXI, Part I. [Toronto, 1912.]
- Ouro Preto, Annaes da Escola de Minas de N. 10, 1908. [Ouro Preto: Typ. A. Castro and Comp., 8, Rua Tiradentes.]
- PARKER, E. W. *A Table of Mineral Products of the United States, Calendar Years 1900 to 1909*. [U.S. Geological Survey. Washington, 1911.]
- PARSONS, CHARLES L. *Notes on Mineral Wastes*. [Bureau of Mines Bulletin 47. Washington, 1912.]
- PEACH, B. N., WILSON, J. S. G., HILL, J. B., BAILEY, E. B., AND GRABHAM, G. W. *The Geology of Knapdale, Jura and North Kintyre (Explanation of Sheet 28, with Parts of 27 and 29)*. [No. 28, *Memoirs of the Geological Survey, Scotland*. Edinburgh, 1911.]
- PHILLIPS, WILLIAM B. *Iron Making in Alabama*. (Third Edition.) [Geological Survey of Alabama. University, 1912.]
- PORTER, H. C., AND OVITZ, F. K. *The Deterioration and Spontaneous Combustion of Coal in Storage*. [U.S. Geological Survey Bureau of Mines Technical Paper 16. Washington, 1912.]
- PORTER, J. B., AND DURLEY, R. J. *An Investigation of the Coals of Canada with Reference to Their Economic Qualities: as Conducted at McGill University, Montreal; under the Authority of the Dominion Government*. Vol. II. [Canada Department of Mines. Ottawa, 1912.]
- PROUTY, WILLIAM. *Map of the Coosa Coal Field with Vertical and Horizontal Sections*. [Geological Survey of Alabama. University, 1912.]

- PURDUE, A. H. The Zinc Deposits of Northeastern Tennessee. [State Geological Survey Bulletin 14. Nashville, 1912.]
- RABOT, C., ET MURET, E. Les variations périodiques des glaciers. XVII^{me} Rapport, 1911. [Extrait des Annales de glaciologie, t. VII, septembre 1912, pp. 37-47. Berlin: Borntraeger Frères, 1912.]
- REEDS, C. A. The Hunton Formation of Oklahoma. [From the American Journal of Science, Vol. XXXII, October, 1911.]
- Resources of Tennessee, The. Vol. I, No. 1, July, 1911. No. 4, October, 1911. [Tennessee Geological Survey. Nashville.]
- Resources of Tennessee, The. Vol. I, No. 5, November, 1911. Vol. I, No. 6, December, 1911. [Tennessee Geological Survey. Nashville.]
- RICE, GEORGE S. Coal-Dust Explosions. [Bureau of Mines Miners' Circular 3. Washington, 1911.]
- . Mine Fires; A Preliminary. [Bureau of Mines Technical Paper 24. Washington, 1912.]
- RIES, H. The Clay and Shale Deposits of the Western Provinces of Canada. [Journal of the Canadian Mining Institute, part of Vol. XIV, 1912.]
- . A Review of the Theories of the Origin of White Residual Kaolins. [Transactions of the American Ceramic Society, Vol. XIII, 1911.]
- RIGGS, E. S. New or Little Known Titanotheres from the Lower Uintah Formations. [Field Museum of Natural History Publication 159. Geological Series, Vol. IV, No. 2. Chicago, June, 1912.]
- ROGERS, A. W. Geological Map of the Province of the Cape of Good Hope Sheet XIX. [Geological Commission. Cape Town, 1912.]
- ROMER, E. Bericht über geographische Arbeiten im Gebiete des Sichotol-Alin-Gebirges. [Extrait der Bulletin de l'Académie des sciences de Cracovie. Classe des Sciences mathématiques et naturelles. Série 4: Sciences mathématiques. Février 1912. Cracovie: Imprimerie de l'Université, 1912.]
- SCHALLER, W. T. Crystallized Variscite from Utah. [No. 1867. Proceedings of the U.S. National Museum, Vol. XLI, pp. 413-30, with Plate 33. Washington, January 31, 1912.]
- . Meteorological Notes, Series 2. [U.S. Geological Survey Bulletin 509. Washington, 1912.]
- Schimmel and Company, Semi-Annual Report of. [Miltitz (near Leipzig), London, New York. April, 1912.]
- SCHUCHERT, C. Paleogeographic and Geologic Significance of Recent Brachiopoda. Proceedings of the Paleontological Society. [Reprinted from the Bulletin of the Geological Society of America, Vol. XXII, pp. 258-75. Published June 23, 1911.]
- SCHWARZ, E. H. L. Selective Absorption of Substances in the Earth's Crust. [South African Journal of Science. Cape Town, January, 1912.]
- SEARLE, A. B. The Natural History of Clay. [Cambridge: The University Press; New York: Putnam, 1912.]